

DataDirect Networks, Inc. Press Release
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DataDirect Networks Increases Lead in High Performance Computing
22 of Top 50 Supercomputing Sites DataDirect Networks Customers

With the release of Top 500's list of top supercomputing sites in the world, DataDirect Networks, the recognized leader in high performance storage networks, has increased its lead in high performance storage to 22 of the Top 50 supercomputing sites in the world.

Over the last three years, DataDirect Networks has achieved an astounding 150 percent growth in the storage capacity shipped to its HPC customers, becoming the storage of choice for many government, academia and corporate supercomputing sites.

DataDirect Networks' successes have included the deployment of more than one petabyte (a thousand terabytes) of storage behind the World's fastest supercomputer, IBM's BlueGene/L, at **Lawrence Livermore National Laboratory**.

DataDirect Networks' success is driven by its industry leading S2A, a 6th generation RAID storage networking system, which can deliver 360 peak teraFLOP/s with 1 raw petabyte (PB) of SATA storage. With FC-4 and InfiniBand front end server connectivity, Fibre Channel and SATA back-end disk support, the S2A delivers ultra-high levels of performance (3 GB/second), scalability (1,000 disks) and reliability (multiple levels of redundancy with continuous on-the-fly data protection with no loss of performance) across a broad range of computational, visualization, and nearline environments. DataDirect Networks' S2A offers broad infrastructure support powering compute clusters from IBM, Dell, HP, Cray, SGI, Bull and others.

"To fulfill its national security mission, Lawrence Livermore relies on industrial partners to provide infrastructure solutions that meet the requirements of the lab's high performance computing systems," said Mark Seager, head of advanced technologies at the National Nuclear Security Administration's Lawrence Livermore national Laboratory. "The development of scalable technologies for petaflop machines -- particularly those that increase performance while reducing complexity and cost -- are critical to the success of cutting edge HPC."

"The overwhelmingly and positive validation we have received to our S2A storage technology from the top supercomputing users is a testament to our decade long focus," said Alex Bouzari, CEO of DataDirect Networks. "With an installed base of storage systems in Government and HPC sites that will this year exceed the 10,000 Terabyte mark; we are more than ever dedicated to this market and will continue to invest heavily in a world class technology and infrastructure to better serve the needs of our customers."

DataDirect Networks has very successfully designed specific enabling solutions for file systems, clusters and networking infrastructures of its Supercomputing and High Performance Computing customers. This expertise includes a team of professionals that have successfully and reliably installed petabyte storage systems across a range of the world's most demanding networked environments.

DataDirect Networks continues to work closely with OEMs, well known systems integrators, and advisors who serve the needs of Government and High Performance Computing community.